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**DEMANDE DE BREVET D'INVENTION**

**A1**

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④③ Date de mise à la disposition du public de la  
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⑤⑥ Liste des documents cités dans le rapport de  
recherche préliminaire : *Se reporter à la fin du  
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⑥⑦ Références à d'autres documents nationaux  
apparentés :

⑦① Demandeur(s) : *L'OREAL Société anonyme* — FR.

⑦② Inventeur(s) : DE LA POTERIE VALERIE.

⑦③ Titulaire(s) :

⑦④ Mandataire(s) : L'OREAL.

⑤④ COMPOSITION COSMETIQUE COMPRENANT DES DISPERSIONS DE PARTICULES DE POLYMERES DANS  
UNE PHASE GRASSE LIQUIDE.

⑤⑦ L'invention a pour objet une composition à application  
topique comprenant une dispersion de particules dans une  
phase grasse liquide d'un premier système polymérique fil-  
mifiaible et une dispersion de particules dans la phase gras-  
se liquide d'un deuxième système polymérique non  
filmifiaible.

L'invention a aussi pour objet un procédé cosmétique de  
maquillage ou de traitement non thérapeutique des matiè-  
res kératiniques comprenant l'application sur les matières  
kératiniques d'une telle composition.

La composition permet d'obtenir un film brillant et non  
collant, ayant des propriétés de "sans transfert" et assurant  
en particulier un bon recourbement des fibres kératiniques.

**FR 2 798 061 - A1**



**Cosmetic composition containing dispersions of polymer particles in a fatty liquid phase**

**Patent number:** FR2798061  
**Publication date:** 2001-03-09  
**Inventor:** DE LA POTERIE VALERIE  
**Applicant:** OREAL (FR)  
**Classification:**  
- **international:** A61K7/02; A61K7/06; A61K7/42  
- **european:** A61K8/04; A61K8/04H; A61K8/81K4; A61K8/90; A61Q1/10  
**Application number:** FR19990011173 19990907  
**Priority number(s):** FR19990011173 19990907

Also published as:



EP1082953 (A1)  
JP2001089325 (A)

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Abstract not available for FR2798061

Abstract of corresponding document: **EP1082953**

The composition is new. The composition comprises, in physiologically acceptable medium, a dispersion of particles of first film-forming polymeric system, containing first polymer surface-stabilized in fatty liquid phase, and also a dispersion of particles of second non- film-forming polymeric system, surface-stabilized in fatty liquid phase. First polymeric system has glass transition temperature up to 40 degrees C (preferably (-100) to 40 degrees C, especially (-10) to 30 degrees C), and second polymeric system has glass transition temperature above 40 degrees C (preferably 40-300 degrees C, especially 45-150 degrees C. First and/or second polymeric system comprises at least one plasticizer and the particles of each system are stabilized by stabilizer selected from sequence, grafted and statistic polymers and their mixtures. The total of first and second polymers dispersed in fatty liquid phase amounts to 2-60 wt.% (preferably 5-30 wt.%) per total wt. of composition, and the wt. ratio of first polymer to second is 1/99-99/1, preferably 50/50 to 80/20. The composition is preferably anhydrous and may additionally contain at least one wax, and/or at least one liposoluble polymer, and/or at least one additive selected from thickeners of fatty liquid phase, perfume, preservatives, surfactants, sequestrants, vitamins, proteins, ceramides, alkalinizing or acidifying agents, emulsifiers, colorants and fillers. Independent claims are also included for : (1) process of make-up or non-therapeutic treatment of keratinic matters comprising application of composition as claimed; and (2) the use of composition as claimed to produce brilliant and/or non-sticky and/or wear-resistant and/or non-transferable film on keratinic matter, especially on keratinic fibres; or for curling keratinic fibres, namely eyelashes.

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